

Claims

1. A catheter (1), in particular for use in delivering a stent (5), comprising:
 - a first outer tube (15) having a proximal end, a distal end and a wall defining a first lumen (9);
 - a balloon (4) sealingly connected to the first tube (15) adjacent the distal end, the balloon (4) defining an interior volume (14) and having an exterior surface (6);
 - a second inner tube (2) being disposed within the first outer tube (15) and defining a second inner lumen (17) for a guidewire (3); and
 - a marker arrangement (7, 8),
being characterized in
 - that said marker arrangement (7, 8) comprises at least one marker (10, 11) made from a wire of a highly radiopaque and ductile material.
2. Catheter according to claim 1, being characterized in that the wire is wrapped around the inner tube (2) to form a coil-like marker tube.
3. Catheter according to claim 1 or 2, being characterized in that the wire is wrapped in a plurality of at least partly overlapping layers (13, 16).
4. Catheter according to one of claims 1 to 3, being characterized in that the wire is at least partly embedded in the material (12) of the inner tube (2).
5. Catheter according to one of claims 1 to 4, being characterized in that the wire is covered by a thin tube-like cover.

6. Catheter according to one of claims 1 to 5, being characterized in that the wire has a circular cross-section.
7. Catheter according to one of claims 1 to 5, being characterized in that the wire has a flat, rectangular cross-section.
8. Catheter according to one of claims 1 to 7, being characterized in that the wire is made out of a material selected from the group of platinum, tantalum, gold and/or alloys of the before-listed materials.
9. Catheter according to one of claims 1 to 8, being characterized in that the marker arrangement (7, 8) is disposed on the second inner tube (3) within the balloon (4).
10. Catheter according to one of claims 1 to 9, being characterized in that said at least one marker (10, 11) is disposed at the catheter tip.
11. Marker (10, 11) for a catheter (1) according to the preamble part of claim 1, being characterized by at least one of the characterizing features of claims 1 to 10.